



ENVIRONMENTAL PROTECTION DEPARTMENT

408 W. University Ave. Suite 106 Gainesville, FL 32601
352-264-6800

Reviewed By: **NAV**
Date: **9/3/19**
Data Entered By: **NAV**
Date: **9/3/19**

SURFACE WATER SAMPLING FIELD LOG SHEET

G1NE0902

October 2018

Sample Info	Station ID: TUM 441	Sample Sequence Number: ①	Sample Date: 8/22/19	
	Project Name: OCB1908	Collection Time: 09:55		
	Location Description: downstream of 441, at end of concrete channel			
	Sampler: E. TAVAREZ	Sampler: N. VOLK		
Weather	Ambient: hot, clear	Air Temperature: 26.5°C		
	Last 7 Days: 3.34 in rain			
Field Water Quality Data	Sample Type (circle): Grab	Composite	Sample Method (circle): Direct	Intermediate
	Sample Collection Equipment (circle): Containers		Grab Pole	Clips for FC
	If Intermediate, Describe:			
	Location of sample collection point relative to permanent structure: (circle)		Upstream	Downstream
	Distance: 100	(ft)	Structure description: foot bridge over channel	
	Sample Depth (from surface): 0.2	(ft)	Total Water Depth at Sample Point: 0.4	(ft)
	SECCHI (from surface): 0.45	(ft)	Total Water Depth at SECCHI point: 0.45	(ft)
	Staff Gauge: 68.60	(ft)		
	Field Meters: YSI Pro Plus 2 (pH, Cond, DO, and Temp);		Hach 2100P Turbidity (circle)	#5 #6
	Water Temperature 27.1		°C	
	Dissolved Oxygen 109.6		%	
	Dissolved Oxygen 8.70		mg/L	
	Specific Conductance 377		µS/cm	
	pH 8.11		S.U.	
Turbidity 1.69		NTU		
Sediment Sample Data	Location of sample collection point relative to permanent structure: (circle)		Upstream	Downstream
	Distance: _____	(ft)	Structure description: _____	
	Sample Site Description: (near bank, etc)			
	Sample Time: _____		Sample Method: _____	
	Sample Depth: _____		Sample Color: _____	
	Sediment Odors: _____		Sample Texture: _____	
QA/QC Data	QA Samples Collected (Description, Field ID, and Time):			
	pH of Preserved Samples: Nutrients = < 2 Metals = < 2			
	Laboratory(s): AEL, Test America			
	Laboratory(s) Delivery: Hand Delivered or Shipped		Time: 1545	Date: 8/22/19
	Field Comments: FDER samples taken here			
	Visitors on Site:			

SURFACE WATER FIELD DATA SHEET - Page 2

Stream Flow Data	ACEPD ID: <u>TUM 441</u>						Date: <u>8/22/19</u>		
	Location of stream cross section relative to permanent structure: (circle)						Upstream		Downstream
	Distance: _____ (ft)			Structure description: _____					
	Direction of flow: _____			Flow Meter: SonTek FlowTracker					
	If flow is not measured circle one: Too low Unsafe Conditions SJRWMD gauge ACEPD gauge								
	Gauged Stream Flow: _____ (cubic feet/second)								
	Station	Depth	Velocity	Station	Depth	Velocity	Station	Depth	Velocity
	ft m (circle)	(ft)	(ft/s)	ft m (circle)	(ft)	(ft/s)	ft m (circle)	(ft)	(ft/s)
Stream Bank Description: <u>grass, trash, industrialized</u>									
Stream Bottom Description: <u>shifting sands / concrete</u>									
Pictures of: Station ☒ Upstream ☒ Downstream ☐ <u>w/ iPad</u>									
Site Sketch	The sketch shows a horizontal stream with a bridge labeled '441' crossing it. On the left bank is a rectangular area labeled 'construction'. On the right bank is a rectangular area labeled 'Motel'. Below the bridge, an arrow points to a 'stake gauge' and 'x samples ysl'. A 'concrete channel' is indicated by a line branching from the stream.								



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SURFACE WATER SAMPLING FIELD LOG SHEET

G1NE0914

October 2018

Sample Info	Station ID: TUMSW3	Sample Sequence Number: 2	Sample Date: 8/22/19	
	Project Name: OCB1908	Collection Time: 1040		
	Location Description: tumlin creek downstream of SW 5th Ave			
	Sampler: E. Tavaraz	Sampler: N. Volk		
Weather	Ambient: hot, sunny	Air Temperature: 27°C		
	Last 7 Days: hot, sunny wet, 3.34 in rain			
Field Water Quality Data	Sample Type (circle): <u>Grab</u>	Composite	Sample Method (circle): <u>Direct</u>	Intermediate
	Sample Collection Equipment (circle): <u>Containers</u>	Grab Pole	Clips for FC	
	If Intermediate, Describe:			
	Location of sample collection point relative to permanent structure: (circle) <u>Upstream</u>		Downstream	
	Distance: 30 (ft)	Structure description: culvert		
	Sample Depth (from surface): 0.35 (ft)	Total Water Depth at Sample Point: 0.75 (ft)		
	SECCHI (from surface): 0.75 (ft)	Total Water Depth at SECCHI point: 0.75 (ft)		
	Staff Gauge: N/A (ft)			
	Field Meters: <u>YSI Pro Plus 2</u> (pH, Cond, DO, and Temp);	Hach 2100P Turbidity (circle) <u>#5</u>	#6	
	Water Temperature: 26.8	C°		
	Dissolved Oxygen: 10.8	%		
	Dissolved Oxygen: 4.04	mg/L		
	Specific Conductance: 37.8	µS/cm		
	pH: 7.60	S.U.		
	Turbidity: 2.43	NTU		
Sediment Sample Data	Location of sample collection point relative to permanent structure: (circle) <u>Upstream</u>		<u>Downstream</u>	
	Distance: (ft)	Structure description:		
	Sample Site Description: (near bank, etc)			
	Sample Time:	Sample Method:		
	Sample Depth: (ft)	Sample Color:		
	Sediment Odors:	Sample Texture:		
QA/QC Data	QA Samples Collected (Description, Field ID, and Time):			
	pH of Preserved Samples: Nutrients = < 2	Metals = < 2		
	Laboratory(s): AEL, Test America			
	Laboratory(s) Delivery: Hand Delivered or <u>Shipped</u>	Time = 1545	Date = 8/22/19	
	Field Comments: FDEP FDEP samples taken here			
Visitors on Site:				

SURFACE WATER FIELD DATA SHEET - Page 2

Stream Flow Data	ACEPD ID: <u>TUMSW5</u>						Date: <u>8/22/19</u>		
	Location of stream cross section relative to permanent structure: (circle) <u>Upstream</u> Downstream								
	Distance: <u>40</u> (ft)			Structure description: <u>Culvert</u>					
	Direction of flow:			Flow Meter: <u>SonTek FlowTracker</u>					
	If flow is not measured circle one: Too low Unsafe Conditions SJRWMD gauge ACEPD gauge								
	Gauged Stream Flow: <u>1.05</u> (cubic feet/second)								
	Station			Depth			Velocity		
	ft m (circle)			(ft)			(ft/s)		
Stream Bank Description:									
Stream Bottom Description: <u>shifting sand</u>									
Pictures of: Station ☒ Upstream ☒ Downstream ☒									
Site Sketch									



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SURFACE WATER SAMPLING FIELD LOG SHEET

G1NE0900

October 2018

Sample Info	Station ID: <u>POSNW16</u>	Sample Sequence Number: <u>(3)</u>	Sample Date: <u>8/22/19</u>
	Project Name: <u>OCB1908</u>	Collection Time: <u>1200</u>	
	Location Description: <u>downstream of NW 16th, upstream of water level records</u>		
	Sampler: <u>E. TAVAREZ</u>	Sampler: <u>N. VOLK</u>	
Weather	Ambient: <u>hot, clear</u>	Air Temperature: <u>28°C</u>	
	Last 7 Days: <u>wet, 3.34 in rain</u>		
Field Water Quality Data	Sample Type (circle): <u>Grab</u> <u>Composite</u>	Sample Method (circle): <u>Direct</u> <u>Intermediate</u>	
	Sample Collection Equipment (circle): <u>Containers</u> <u>Grab Pole</u> <u>Clips for FC</u>		
	If Intermediate, Describe:		
	Location of sample collection point relative to permanent structure: (circle) <u>Upstream</u> <u>Downstream</u>		
	Distance: <u>100</u> (ft)	Structure description: <u>Double box culverts</u>	
	Sample Depth (from surface): <u>0.6</u> (ft)	Total Water Depth at Sample Point: <u>1.2</u> (ft)	
	SECCHI (from surface): <u>1.2</u> (ft)	Total Water Depth at SECCHI point: <u>1.2</u> (ft)	
	Staff Gauge: <u>0.67</u> (ft)		
	Field Meters: <u>YSI Pro Plus 2</u> (pH, Cond, DO, and Temp); <u>Hach 2100P</u> Turbidity (circle) <u>#5</u> <u>#6</u>		
	Water Temperature: <u>25.4</u> °C		
	Dissolved Oxygen: <u>88.3</u> %		
	Dissolved Oxygen: <u>7.23</u> mg/L		
	Specific Conductance: <u>204</u> µS/cm		
	pH: <u>7.09</u> S.U.		
Turbidity: <u>4.77</u> NTU			
Sediment Sample Data	Location of sample collection point relative to permanent structure: (circle) <u>Upstream</u> <u>Downstream</u>		
	Distance: (ft)	Structure description:	
	Sample Site Description: (near bank, etc)		
	Sample Time:	Sample Method:	
	Sample Depth: (ft)	Sample Color:	
	Sediment Odors:	Sample Texture:	
QA/QC Data	QA Samples Collected (Description, Field ID, and Time):		
	pH of Preserved Samples: <u>Nutrients= < 2</u> <u>Metals= < 2</u>		
	Laboratory(s): <u>AEL, Test America</u>		
	Laboratory(s) Delivery: <u>Hand Delivered</u> or <u>Shipped</u>	Time: <u>1545</u>	Date: <u>8/22/19</u>
	Field Comments: <u>FDEP samples taken here</u>		
Visitors on Site:			

SURFACE WATER FIELD DATA SHEET - Page 2

Stream Flow Data	ACEPD ID: <u>PO3NW16</u>						Date: <u>8/22/19</u>		
	Location of stream cross section relative to permanent structure: (circle) Upstream Downstream								
	Distance: _____ (ft)			Structure description: _____					
	Direction of flow: _____			Flow Meter: SonTek FlowTracker					
	If flow is not measured circle one: Too low Unsafe Conditions SJRWMD gauge <u>ACEPD gauge</u>								
	Gauged Stream Flow: _____ (cubic feet/second)								
	Station	Depth	Velocity	Station	Depth	Velocity	Station	Depth	Velocity
	ft m (circle)	(ft)	(ft/s)	ft m (circle)	(ft)	(ft/s)	ft m (circle)	(ft)	(ft/s)
Stream Bank Description: <u>forested</u>									
Stream Bottom Description: <u>shifting sands</u>									
Pictures of: Station ☐ Upstream ☐ Downstream ☐									
Site Sketch									